






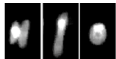
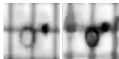
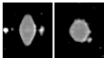
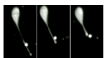
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A Microfluidic Microprocessor: Controlling Biomimetic Containers and Cells using Hybrid Integrated Circuit / Microfluidic Chips

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(Article begins on next page)

function	method	frequency	
contain	unilamellar bilayer vesicles		
position	dielectrophoresis	> 1 MHz	
release	electroporation	< kHz	
fuse	electrofusion	< kHz	
porate	electroporation	< kHz	
deform	dielectrophoresis	> 1 MHz	
deform ¹⁶	magnetophoresis	DC	
heat ¹⁷	dielectric heating	> 2 GHz	